

Iowa Crops & Weather

USDA – National Agricultural Statistical Service
Iowa Field Office



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Cooler Temperatures and Welcomed Rainfall

A cold front brought much needed rain to most Iowa counties along with a significant drop in temperature from Monday. For the first time this year temperatures reached 100 degrees, causing crop conditions to significantly decline in East Central Iowa. Spraying soybean fields for spider mites and baling straw was reported in some areas.

There were 5.0 **days suitable for fieldwork**, compared to 5.1 days the previous week and 5.5 days last year at this time. Most areas of the State received rain during the week, improving soil moisture levels from the previous week. **Topsoil moisture** rated 15 percent very short, 23 percent short, 59 percent adequate, and 3 percent surplus across Iowa. **Subsoil moisture** rated 18 percent very short, 24 percent short, 56 percent adequate, and 2 percent surplus.

Field Crops Report: **Corn condition** was rated nearly the same as a week ago at 3 percent very poor, 8 percent poor, 21 percent fair, 48 percent good, and 20 percent excellent. **Corn tasseled** reached 99 percent, up 5 percentage points from a week ago and ahead of last year's 96 percent and the average of 95 percent. **Corn silked** was rated at 93 percent complete, ahead of last year's progress of 87 percent and the 5-year average of 86 percent. **Corn in the milk stage** was at 48 percent and **corn in the dough stage** reached 26 percent. Both categories are well ahead of normal. **Soybean acreage blooming** reached 95 percent, remaining ahead of last year and the 5-year average. **Soybeans setting pods** was at 67 percent, ahead of last year's 63 percent and the average of 58 percent. **Soybean condition** was rated 2 percent very poor, 5 percent poor, 22 percent fair, 52 percent good, and 19 percent excellent, which was a slight improvement from a week ago. **Oats harvested for grain** reached 89 percent, well ahead of last year and the 5-year average. The **second cutting of alfalfa** was 98 percent complete and the **third cutting** reached 11 percent. **Hay condition** was 3 percent very poor, 14 percent poor, 35 percent fair, 43 percent good, and 5 percent excellent.

Livestock, Pasture, and Range Report: Livestock enjoyed a break from recent high temperatures and humidity, although some areas reported fly problems. **Pasture and range condition** a week ago showed 47 percent of the state's pasture in the very poor or poor range. This week showed a 14 percentage point drop in these two categories to 33 percent. Pasture condition was rated at 11 percent very poor, 22 percent poor, 37 percent fair, 28 percent good, and 2 percent excellent.

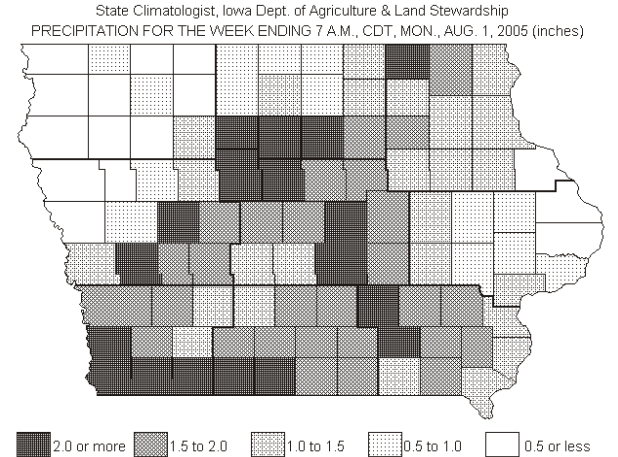
Iowa Weather Summary

The past work week began with hot weather on Monday (25th) with daytime temperatures varying from the low 80's northwest to low 100's southeast. However, a strong cold front passed through Iowa Monday night bringing welcome relief from the heat. Daytime temperatures on Tuesday (26th) were only in the upper 60's north to low 80's southeast. Wednesday (27th) saw highs in the 70's statewide. Warmer weather slowly returned for the rest of the week. Temperatures climbed to the upper 70's east to mid 80's west on Thursday (28th) with 80's in most areas on Friday (29th). The weekend brought highs up to the low 90's in a few areas of southern and western Iowa. Temperature extremes for the week ranged from a Wednesday (27th) morning low of 45 degrees at Elkader to Monday (25th) afternoon highs of 101 degrees at Iowa City, Fairfield and Keosauqua. Temperatures for the week as a whole averaged 2.5 degrees below normal.

The passage of the cold front early in the week brought rainfall to nearly all of Iowa on Monday (25th) and Tuesday (26th). Dry weather prevailed in most areas for the rest of the week. However, a few showers were scattered across the northwest one-third of the state on Friday (29th) with thunderstorms also dampening portions of central Iowa on Sunday (31st). Weekly precipitation amounts varied from only a trace at Onawa to 3.42 inches at Marshalltown. The statewide average precipitation was 1.39 inches while normal for the week is 0.94 inches.

Statewide Crop Conditions as of July 31, 2005

Item	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Corn	3	8	21	48	20
Hay, all	3	14	35	43	5
Oats	0	5	20	59	16
Range & Pasture	11	22	37	28	2
Soybeans	2	5	22	52	19



Field Work and Crop Progress as of July 31, 2005

Item	Districts									State	Last Week	Last Year	Normal
	NW	NC	NE	WC	C	EC	SW	SC	SE				
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Corn silked	94	94	94	95	93	89	99	90	95	93	80	87	86
Corn in or past milk stage	47	30	41	61	60	45	39	52	62	48	NA	35	37
Corn in or past dough stage	17	12	14	34	30	28	35	52	38	26	16	11	10
Soybeans blooming	97	98	97	98	99	92	91	100	92	95	89	94	90
Soybeans setting pods	44	61	68	74	86	67	80	70	58	67	49	63	58
Oats harvested for grain	85	79	86	88	98	90	88	92	99	89	71	72	77
Hay, alfalfa - third crop harvested	14	6	9	11	18	13	14	5	14	11	NA	6	6

NA = Not Available

Days Suitable & Soil Moisture Condition as of July 31, 2005

Item	Districts									State	Last Week	Last Year
	NW	NC	NE	WC	C	EC	SW	SC	SE			
	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days
Days suitable	5.6	4.2	5.2	5.0	4.2	5.8	4.9	4.8	5.6	5.0	5.1	5.5
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Topsoil moisture												
Very short	4	1	5	7	0	61	12	13	48	15	19	2
Short	15	11	24	20	15	34	15	41	35	23	26	12
Adequate	76	85	70	71	74	5	72	45	17	59	54	79
Surplus	5	3	1	2	11	0	1	1	0	3	1	7
Subsoil moisture												
Very short	3	2	16	10	8	49	12	29	47	18	15	2
Short	13	17	21	19	12	40	25	38	39	24	31	10
Adequate	82	79	61	67	77	11	62	33	14	56	53	81
Surplus	2	2	2	4	3	0	1	0	0	2	1	7

Weather Summary For Iowa Agricultural Statistics Service Prepared by AWIS, Inc. For the week ending: Sunday, July 31, 2005										
STATION	CURRENT WEEK						SINCE APRIL 1		CURRENT WEEK	
	TEMPERATURE				PRECIPITATION		PRECIPITATION		GDD BASE 50F	
	HI	LO	AVG	DFN	TOTAL	DFN	TOTAL	DFN	TOTAL	DFN
Estherville Sioux Center Spencer Spirit Lake	North West District									
	89	49	70	-2	0.81	0.04	11.43	-2.25	143	-11
	89	47	72	-3	1.12	0.42	14.10	0.25	155	-13
	93	47	72	-2	2.07	1.16	15.33	1.07	155	-6
	83	50	70	-4	1.54	0.77	15.20	1.57	139	-38
Britt Humboldt Mason City Northwood	North Central District									
	89	53	70	-4	1.20	0.31	20.03	4.64	142	-19
	89	52	70	-5	2.70	1.79	21.02	5.37	140	-28
	91	51	71	-2	1.23	0.32	21.57	5.72	152	-7
	86	51	69	-4	1.28	0.31	21.83	6.81	138	-23
Decorah Dubuque Elkader Independence Waterloo	North East District									
	86	49	71	-3	3.22	2.38	17.25	1.75	148	-13
	95	51	72	0	0.40	-0.51	9.49	-6.64	156	0
	92	45	70	-4	1.21	0.23	14.32	-0.92	138	-44
	94	51	71	-2	1.68	0.66	18.88	2.48	149	-33
	93	50	72	-2	2.13	1.11	17.74	1.06	153	-8
	West Central District									
	94	49	71	-6	1.57	0.73	18.04	2.23	147	-31
	95	53	71	-3	2.73	1.82	14.70	-2.21	152	-16
	97	52	72	-3	0.58	-0.12	16.67	2.00	159	-2
Guthrie Center Harlan Jefferson Logan Rockwell City Sioux City	94	49	73	-3	1.29	0.47	22.70	6.70	161	-12
	98	51	72	-4	1.36	0.59	14.83	-0.78	156	-10
	95	52	73	-2	1.19	0.28	12.51	-4.40	160	-8
	97	51	73	-3	2.16	1.39	17.64	2.31	164	-18
	91	50	70	-6	1.84	0.92	19.85	4.11	140	-29
	95	50	75	-2	0.53	-0.17	14.30	1.31	176	-6
	Central District									
	93	50	72	-2	0.95	-0.03	14.29	-2.92	157	-4
	94	51	72	-3	1.59	0.77	13.25	-3.61	154	-14
	97	56	75	-2	0.78	-0.06	17.54	2.28	178	-11
Des Moines Eldora Marshalltown Newton Perry Toledo	96	53	72	-2	1.24	0.26	18.02	1.32	158	-9
	93	51	72	-2	1.09	0.11	14.71	-1.57	153	-8
	97	54	73	-3	1.96	1.12	19.20	3.39	160	-15
	95	52	72	-2	1.09	0.26	17.38	1.45	156	-12
	95	51	71	-3	1.19	0.18	14.66	-1.96	148	-13
Cedar Rapids Davenport Iowa City Lowden Maquoketa Muscatine	East Central District									
	96	50	72	-2	1.12	0.24	12.87	-2.69	157	-11
	97	53	74	-2	1.00	0.09	5.80	-9.40	172	-5
	103	55	77	1	0.65	-0.42	9.04	-8.14	188	5
	102	51	74	1	0.48	-0.50	9.13	-8.01	171	3
Clarinda Glenwood Oakland Red Oak Sidney	100	51	72	-1	0.25	-0.58	6.04	-9.24	157	-4
	99	53	74	-2	1.25	0.30	10.80	-5.42	172	15
	South West District									
	93	51	71	-5	2.50	1.43	22.64	5.10	146	-36
	97	52	74	-3	2.91	2.07	17.95	1.73	168	-14
Allerton Beaconsfield Chariton Indianola Leon	94	51	72	-2	1.96	1.12	17.01	1.35	160	-8
	96	52	73	-4	1.51	0.60	14.90	-2.58	166	-22
	96	54	73	-4	2.04	0.99	17.52	1.14	166	-23
	South Central District									
	96	52	73	-4	2.00	1.02	15.53	-0.81	160	13
Bloomfield Burlington Ottumwa	93	53	72	-4	2.63	1.72	18.32	2.37	159	-16
	98	48	73	-3	1.52	0.61	15.36	-1.51	161	-14
	95	51	73	-3	1.35	0.51	18.29	2.06	161	-14
	97	49	72	-5	2.61	1.70	13.56	-2.81	155	-27
	South East District									
	99	55	75	-1	1.21	0.20	13.96	-2.44	178	-4
	103	54	77	2	1.20	0.29	9.82	-5.76	191	10
	99	51	75	-2	1.56	0.60	11.47	-4.01	174	-11

Precipitation (rain, melted snow or ice) in inches. Precipitation Days = Days with precipitation of 0.01 inch or more. Air Temperatures in Degrees Fahrenheit. Copyright 2005: AWIS, Inc. All Rights Reserved.